

Title (en)

A reciprocating piston volumetric compressor, particularly for pneumatic braking systems.

Title (de)

Verdrängerverdichter, insbesondere für pneumatische Bremssysteme.

Title (fr)

Compresseur alternatif volumétrique, en particulier pour circuit de freinage pneumatique.

Publication

**EP 0575880 A1 19931229 (EN)**

Application

**EP 93109608 A 19930616**

Priority

IT TO920533 A 19920622

Abstract (en)

The compressor comprises a supplementary valve (30, 18; 40a) operable to put the working chamber (5) of the piston permanently into communication with the induction aperture (13a) via a duct (18) when air under pressure is supplied to a control input (2c) of the compressor (2). This supplementary valve comprises a passage (30) which intercepts the said duct (18) and communicates with the said control input (2c) and a valve piston (40) slidably displaceable in this passage (30) under the effect of pressure supplied to the said control input (2c), against the action of a biasing spring (41), from a rest position in which it intercepts the duct (18) to a working position in which via the said duct (18) it allows permanent communication between the induction aperture (13a) and the working chamber (5). <IMAGE>

IPC 1-7

**F04B 49/00**; **F04B 39/06**

IPC 8 full level

**F04B 39/06** (2006.01); **F04B 49/24** (2006.01)

CPC (source: EP)

**F04B 39/064** (2013.01); **F04B 49/24** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

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